

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=7; day=28; hr=13; min=33; sec=12; ms=375;]

=====

Application No:10588124

Version No:1.0

Input Set:

Output Set:

Started:

2008-07-25 21:55:41.408

Finished:

2008-07-25 21:55:41.706

Elapsed:

0 hr(s) 0 min(s) 0 sec(s) 298 ms

Total Warnings:

1

Total Errors:

0

No. of SeqIDs Defined:

24

Actual SeqID Count:

24

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (3)

SEQUENCE LISTING

<110> Tomohiko Ohta

<120> CARCINOSTATIC METHOD USING BRCA1-BARD1 PATHWAY

<130> L7350.0010

<140> 10588124

<141> 2008-07-25

<150> PCT/JP2005/001870

<151> 2005-02-02

<150> 60/541,287

<151> 2004-02-02

<160> 24

<170> PatentIn version 3.2

<210> 1

<211> 1333

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (101)..(985)

<400> 1

ggggccctgg tgtgattccg tcctgcgcgg ttgttctctg gagcagcgtt cttttatctc 60

cgtcgcgctt ctctcctacc taagtgcgtg ccgccacccg atg gaa gat tcg atg 115
Met Glu Asp Ser Met
1 5

gac atg gac atg agc ccc ctg agg ccc cag aac tat ctt ttc ggt tgt 163
Asp Met Asp Met Ser Pro Leu Arg Pro Gln Asn Tyr Leu Phe Gly Cys
10 15 20

gaa cta aag gcc gac aaa gat tat cac ttt aag gtg gat aat gat gaa 211
Glu Leu Lys Ala Asp Lys Asp Tyr His Phe Lys Val Asp Asn Asp Glu
25 30 35

aat gag cac cag tta tct tta aga acg gtc agt tta ggg gct ggt gca 259
Asn Glu His Gln Leu Ser Leu Arg Thr Val Ser Leu Gly Ala Gly Ala
40 45 50

aag gat gag ttg cac att gtt gaa gca gag gca atg aat tac gaa ggc 307
Lys Asp Glu Leu His Ile Val Glu Ala Glu Ala Met Asn Tyr Glu Gly
55 60 65

agt cca att aaa gta aca ctg gca act ttg aaa atg tct gta cag cca 355
Ser Pro Ile Lys Val Thr Leu Ala Thr Leu Lys Met Ser Val Gln Pro

70	75	80	85	
acg gtt tcc ctt ggg ggc ttt gaa ata aca cca cca gtg gtc tta agg				403
Thr Val Ser Leu Gly Gly Phe Glu Ile Thr Pro Pro Val Val Leu Arg				
	90	95	100	
ttg aag tgt ggt tca ggg cca gtg cat att agt gga cag cac tta gta				451
Leu Lys Cys Gly Ser Gly Pro Val His Ile Ser Gly Gln His Leu Val				
	105	110	115	
gct gtg gag gaa gat gca gag tca gaa gat gaa gag gag gag gat gtg				499
Ala Val Glu Glu Asp Ala Glu Ser Glu Asp Glu Glu Glu Glu Asp Val				
	120	125	130	
aaa ctc tta agt ata tct gga aag cgg tct gcc cct gga ggt ggt agc				547
Lys Leu Leu Ser Ile Ser Gly Lys Arg Ser Ala Pro Gly Gly Gly Ser				
	135	140	145	
aag gtt cca cag aaa aaa gta aaa ctt gct gct gat gaa gat gat gac				595
Lys Val Pro Gln Lys Lys Val Lys Leu Ala Ala Asp Glu Asp Asp Asp				
150	155	160	165	
gat gat gat gaa gag gat gat gat gaa gat gat gat gat gat gat ttt				643
Asp Asp Asp Glu Glu Asp Asp Asp Glu Asp Asp Asp Asp Asp Asp Phe				
	170	175	180	
gat gat gag gaa gct gaa gaa aaa gcg cca gtg aag aaa tct ata cga				691
Asp Asp Glu Glu Ala Glu Glu Lys Ala Pro Val Lys Lys Ser Ile Arg				
	185	190	195	
gat act cca gcc aaa aat gca caa aag tca aat cag aat gga aaa gac				739
Asp Thr Pro Ala Lys Asn Ala Gln Lys Ser Asn Gln Asn Gly Lys Asp				
	200	205	210	
tca aaa cca tca tca aca cca aga tca aaa gga caa gaa tcc ttc aag				787
Ser Lys Pro Ser Ser Thr Pro Arg Ser Lys Gly Gln Glu Ser Phe Lys				
	215	220	225	
aaa cag gaa aaa act cct aaa aca cca aaa gga cct agt tct gta gaa				835
Lys Gln Glu Lys Thr Pro Lys Thr Pro Lys Gly Pro Ser Ser Val Glu				
230	235	240	245	
gac att aaa gca aaa atg caa gca agt ata gaa aaa ggt ggt tct ctt				883
Asp Ile Lys Ala Lys Met Gln Ala Ser Ile Glu Lys Gly Gly Ser Leu				
	250	255	260	
ccc aaa gtg gaa gcc aaa ttc atc aat tat gtg aag aat tgc ttc cgg				931
Pro Lys Val Glu Ala Lys Phe Ile Asn Tyr Val Lys Asn Cys Phe Arg				
	265	270	275	
atg act gac caa gag gct att caa gat ctc tgg cag tgg agg aag tct				979
Met Thr Asp Gln Glu Ala Ile Gln Asp Leu Trp Gln Trp Arg Lys Ser				
	280	285	290	
ctt taa gaaaatagtt taaacaattt gttaaaaaat tttccgtctt atttcatttc				1035
Leu				

tgtaacagtt gatatctggc tgcctttttt ataatgcaga gtgagaactt tccctaccgt 1095

gtttgataaa tgttgtccag gttctattgc caagaatgtg ttgtccaaaa tgccctgttta 1155

gttttttaaag atggaactcc accctttgct tggttttaag tatgtatgga atgttatgat 1215

aggacatagt agtagcgggtg gtcagacatg gaaatgggtgg ggagacaaaa atatacatgt 1275

gaaataaaac tcagtatttt aataaaataa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 1333

<210> 2

<211> 294

<212> PRT

<213> Homo sapiens

<400> 2

Met Glu Asp Ser Met Asp Met Asp Met Ser Pro Leu Arg Pro Gln Asn
1 5 10 15

Tyr Leu Phe Gly Cys Glu Leu Lys Ala Asp Lys Asp Tyr His Phe Lys
20 25 30

Val Asp Asn Asp Glu Asn Glu His Gln Leu Ser Leu Arg Thr Val Ser
35 40 45

Leu Gly Ala Gly Ala Lys Asp Glu Leu His Ile Val Glu Ala Glu Ala
50 55 60

Met Asn Tyr Glu Gly Ser Pro Ile Lys Val Thr Leu Ala Thr Leu Lys
65 70 75 80

Met Ser Val Gln Pro Thr Val Ser Leu Gly Gly Phe Glu Ile Thr Pro
85 90 95

Pro Val Val Leu Arg Leu Lys Cys Gly Ser Gly Pro Val His Ile Ser
100 105 110

Gly Gln His Leu Val Ala Val Glu Glu Asp Ala Glu Ser Glu Asp Glu
115 120 125

Glu Glu Glu Asp Val Lys Leu Leu Ser Ile Ser Gly Lys Arg Ser Ala
130 135 140

Pro Gly Gly Gly Ser Lys Val Pro Gln Lys Lys Val Lys Leu Ala Ala
145 150 155 160

Asp Glu Asp Asp Asp Asp Asp Asp Glu Glu Asp Asp Asp Glu Asp Asp
165 170 175

Asp Asp Asp Asp Phe Asp Asp Glu Glu Ala Glu Glu Lys Ala Pro Val
180 185 190

Lys Lys Ser Ile Arg Asp Thr Pro Ala Lys Asn Ala Gln Lys Ser Asn
195 200 205

Gln Asn Gly Lys Asp Ser Lys Pro Ser Ser Thr Pro Arg Ser Lys Gly
210 215 220

Gln Glu Ser Phe Lys Lys Gln Glu Lys Thr Pro Lys Thr Pro Lys Gly
225 230 235 240

Pro Ser Ser Val Glu Asp Ile Lys Ala Lys Met Gln Ala Ser Ile Glu
245 250 255

Lys Gly Gly Ser Leu Pro Lys Val Glu Ala Lys Phe Ile Asn Tyr Val
260 265 270

Lys Asn Cys Phe Arg Met Thr Asp Gln Glu Ala Ile Gln Asp Leu Trp
275 280 285

Gln Trp Arg Lys Ser Leu
290

<210> 3
<211> 12
<212> PRT
<213> Artificial

<220>
<223> Synthetic peptide

<400> 3

Cys Val Met Ser Phe Glu Leu Leu Pro Leu Asp Ser
1 5 10

<210> 4
<211> 8
<212> PRT
<213> Homo sapiens

<400> 4

Ala Asp Lys Asp Tyr His Phe Lys
1 5

<210> 5

<211> 13

<212> PRT

<213> Homo sapiens

<400> 5

Val Asp Asn Asp Glu Asn Glu His Gln Leu Ser Leu Arg
1 5 10

<210> 6

<211> 9

<212> PRT

<213> Homo sapiens

<400> 6

Thr Val Ser Leu Gly Ala Gly Ala Lys
1 5

<210> 7

<211> 7

<212> PRT

<213> Homo sapiens

<400> 7

Val Thr Leu Ala Thr Leu Lys
1 5

<210> 8

<211> 13

<212> PRT

<213> Homo sapiens

<400> 8

Ser Ala Pro Gly Gly Gly Ser Lys Val Pro Gln Lys Lys
1 5 10

<210> 9

<211> 4

<212> PRT

<213> Homo sapiens

<400> 9

Val Pro Gln Lys
1

<210> 10
<211> 15
<212> PRT
<213> Homo sapiens

<400> 10

Asp Thr Pro Ala Lys Asn Ala Gln Lys Ser Asn Gln Asn Gly Lys
1 5 10 15

<210> 11
<211> 13
<212> PRT
<213> Homo sapiens

<400> 11

Asn Ala Gln Lys Ser Asn Gln Asn Gly Lys Asp Ser Lys
1 5 10

<210> 12
<211> 11
<212> PRT
<213> Homo sapiens

<400> 12

Asp Ser Lys Pro Ser Ser Thr Pro Arg Ser Lys
1 5 10

<210> 13
<211> 14
<212> PRT
<213> Homo sapiens

<400> 13

Pro Ser Ser Thr Pro Arg Ser Lys Gly Gln Glu Ser Phe Lys
1 5 10

<210> 14
<211> 6
<212> PRT
<213> Homo sapiens

<400> 14

Gly Gln Glu Ser Phe Lys
1 5

<210> 15
<211> 4
<212> PRT
<213> Homo sapiens

<400> 15

Lys Gln Glu Lys
1

<210> 16
<211> 9
<212> PRT
<213> Homo sapiens

<400> 16

Gly Pro Ser Ser Val Glu Asp Ile Lys
1 5

<210> 17
<211> 13
<212> PRT
<213> Homo sapiens

<400> 17

Met Gln Ala Ser Ile Glu Lys Gly Gly Ser Leu Pro Lys
1 5 10

<210> 18
<211> 10
<212> PRT
<213> Homo sapiens

<400> 18

Val Glu Ala Lys Phe Ile Asn Tyr Val Lys
1 5 10

<210> 19
<211> 10
<212> PRT
<213> Homo sapiens

<400> 19

Phe Ile Asn Tyr Val Lys Asn Cys Phe Arg
1 5 10

<210> 20
<211> 14
<212> PRT
<213> Homo sapiens

<400> 20

Met Thr Asp Gln Glu Ala Ile Gln Asp Leu Trp Gln Trp Arg
1 5 10

<210> 21
<211> 7
<212> PRT
<213> Homo sapiens

<400> 21

Val Thr Leu Ala Thr Leu Lys
1 5

<210> 22
<211> 7
<212> PRT
<213> Homo sapiens

<400> 22

Leu Leu Ser Ile Ser Gly Lys
1 5

<210> 23
<211> 11
<212> PRT
<213> Homo sapiens

<400> 23

Gly Pro Ser Ser Val Glu Asp Ile Lys Ala Lys
1 5 10

<210> 24
<211> 6
<212> PRT
<213> Homo sapiens

<400> 24

Phe Ile Asn Tyr Val Lys
1 5

